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**ABSTRACT OF THE DISCLOSURE**

Automatic method for learning frequent chronicles in an alarm log of a dynamic system for supervision of this system and learning system for  
10 using the method in a supervision system.

According to the method, in an alarm log J  
50, alarm sequences 51 are selected  $S_1, S_2, \dots, S_p$  then  
grouped 52 in groups of similar sequences  $G_1, G_2, \dots, G_r$ .  
Alarms of the groups are then used to produce 53 the  
15 partial logs  $J_1, J_2, \dots, J_r$ . Frequent chronicles are then  
learned 54 on each transmitted partial log  $J_i$  and the  
partial set  $E_i$  of frequent chronicles of  $J_i$  is  
determined 55; finally a set E of chronicles in the  
log J is formed 56 with chronicles of the various  
20 partial sets  $E_i$ .

Figure 5.